

A Level Computer Science

Exam Style Questions

Unit 1.3.3

Networks

Part 3: Network Communication

Name		Date	
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Score	Percentage	Grade
/ 18		

Question 1

TCP/IP uses packet switching. Explain what is meant by packet switching.

[4]

Question 2

Elegant Bags is a company that makes designer handbags. It has decided it wants to sell its products online.

Elegant Bags puts its website on its servers which are given a public IP address. It also purchases the domain name `elegantbagsonline.co.uk`.

Explain the automated process that takes place that allows customers to access the site when they enter the domain name into their browser.

[3]

Question 3

Explain **two** advantages of using packet switching instead of circuit switching to send a message between two computer on a network.

Advantage 1

Advantage 2

[4]

Question 4

Describe what is meant by an IP Address.

[2]

Question 5

Describe how packet switching is used to transmit data from one computer to another computer on a network.

[5]